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OM protein - protein search, using sw model

Run on: June 25, 2003, 11:52:01 ; Search time 24.64 Seconds

(Without alignments)
70.264 Million cell updates/sec

Title: US-09-869-540a-2_COPY_4_19

Perfect score: 95

Sequence: 1 MLRCMLGRYRRCMV 16

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 417779 seqs, 108206813 residues

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published.Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCR_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	95	100.0	19	US-09-791-932-183	Sequence 183, App
2	95	100.0	19	US-10-182-509-11	Sequence 11, Appl
3	95	100.0	19	US-09-925-776-7	Sequence 7, Appl
4	87	91.6	19	US-10-182-509-14	Sequence 14, Appl
5	84	88.4	19	US-10-182-509-13	Sequence 13, Appl
6	82	86.3	17	US-09-791-932-184	Sequence 184, App
7	81	85.3	13	US-10-182-509-12	Sequence 12, Appl
8	75	78.9	16	US-10-182-509-10	Sequence 10, Appl
9	66	69.5	11	US-10-182-509-7	Sequence 7, Appl
10	66	69.5	11	US-10-182-509-39	Sequence 39, Appl
11	64	67.4	12	US-10-182-509-8	Sequence 8, Appl
12	62	65.3	10	US-10-182-509-62	Sequence 62, Appl
13	61	64.2	10	US-10-182-509-9	Sequence 9, Appl
14	61	64.2	10	US-10-182-509-37	Sequence 37, Appl
15	61	64.2	11	US-10-182-509-38	Sequence 38, Appl
16	61	64.2	11	US-10-182-509-15	Sequence 15, Appl
17	61	64.2	11	US-10-182-509-18	Sequence 18, Appl
18	61	64.2	11	US-10-182-509-20	Sequence 20, Appl
19	61	64.2	11	US-10-182-509-26	Sequence 26, Appl

20	61	64.2	11	9	US-10-182-509-31	Sequence 31, Appl
21	61	64.2	11	9	US-10-182-509-32	Sequence 32, Appl
22	61	64.2	11	9	US-10-182-509-33	Sequence 33, Appl
23	61	64.2	11	9	US-10-182-509-34	Sequence 34, Appl
24	61	64.2	11	9	US-10-182-509-35	Sequence 35, Appl
25	61	64.2	11	9	US-10-182-509-36	Sequence 36, Appl
26	61	64.2	11	9	US-10-182-509-40	Sequence 40, Appl
27	61	64.2	11	9	US-10-182-509-41	Sequence 41, Appl
28	61	64.2	11	9	US-10-182-509-43	Sequence 43, Appl
29	61	64.2	11	9	US-10-182-509-44	Sequence 44, Appl
30	61	64.2	11	9	US-10-182-509-45	Sequence 45, Appl
31	61	64.2	11	9	US-10-182-509-46	Sequence 46, Appl
32	61	64.2	11	9	US-10-182-509-63	Sequence 63, Appl
33	61	64.2	11	9	US-10-182-509-64	Sequence 64, Appl
34	61	64.2	11	9	US-10-182-509-84	Sequence 84, Appl
35	60	63.2	11	9	US-10-182-509-17	Sequence 17, Appl
36	60	63.2	11	9	US-10-182-509-19	Sequence 19, Appl
37	60	63.2	11	9	US-10-182-509-22	Sequence 22, Appl
38	60	63.2	11	9	US-10-182-509-25	Sequence 25, Appl
39	60	63.2	11	9	US-10-182-509-28	Sequence 28, Appl
40	60	63.2	11	9	US-10-182-509-29	Sequence 29, Appl
41	60	63.2	11	9	US-10-182-509-47	Sequence 47, Appl
42	60	63.2	11	9	US-10-182-509-51	Sequence 51, Appl
43	60	63.2	11	9	US-10-182-509-52	Sequence 52, Appl
44	60	63.2	11	9	US-10-182-509-77	Sequence 77, Appl
45	59	62.1	11	9	US-10-182-509-27	Sequence 27, Appl

ALIGNMENTS

RESULT 1
US-09-791-932-183
Sequence 183, Application US/09791932
Publication No. US20030003451A1
GENERAL INFORMATION:
APPLICANT: Vogeli, Gabriel
APPLICANT: Parodi, Luis A.
APPLICANT: Hiesch, Ronald R.
APPLICANT: Lind, Peter
APPLICANT: Kayes, Paul S.
APPLICANT: Ruff, Valerie
APPLICANT: Huff, Rita M.
APPLICANT: Wood, Linda S.
TITLE OF INVENTION: No. US20030003451A1 G Protein-Coupled Receptors Cross-Ref
FILE REFERENCE: 00325,US1
CURRENT APPLICATION NUMBER: US/09/791,932
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,304
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,303
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,397
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,247
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,370
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/218,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/186,810
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/188,064
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: 60/186,457
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: 60/213,861

;; PRIOR FILING DATE: 2000-06-23
;; PRIOR APPLICATION NUMBER: 60/194,344
;; PRIOR FILING DATE: 2000-04-03
;; PRIOR APPLICATION NUMBER: 60/218,337
;; PRIOR FILING DATE: 2000-07-14
;; NUMBER OF SEQ ID NOS: 184
;; SOFTWARE: Patent version 3.0
;; SEQ ID NO 183
;; LENGTH: 19
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-791-932-183

Query Match 100.0%; Score 95; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e-08;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRCMLGRYRRCMCV 16
DB 4 MLRCMLGRYRRCMCV 19

RESULT 2
US-10-182-509-11
;; Sequence 11, Application US/10182509
;; Publication No. US20030105278A1
;; GENERAL INFORMATION:
;; APPLICANT: Bednarek, Maria A.
;; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
;; FILE REFERENCE: 20590YP
;; CURRENT APPLICATION NUMBER: US/10/182,509
;; CURRENT FILING DATE: 2002-07-31
;; PRIOR APPLICATION NUMBER: PCT/US01/03293
;; PRIOR FILING DATE: 2001-02-01
;; PRIOR APPLICATION NUMBER: 60/179,967
;; PRIOR FILING DATE: 2000-02-03
;; NUMBER OF SEQ ID NOS: 78
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 11
;; LENGTH: 19
;; TYPE: PRT
;; ORGANISM: Human
;; FEATURE:
;; NAME/KEY: DISULFID
;; LOCATION: (7)...(16)
US-10-182-509-11

Query Match 100.0%; Score 95; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e-08;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRCMLGRYRRCMCV 16
DB 4 MLRCMLGRYRRCMCV 19

RESULT 3
US-09-925-776-7
;; Sequence 7, Application US/09925776
;; Patent No. US2002003807A1
;; GENERAL INFORMATION:
;; APPLICANT: AMES, ROBERT S., JR.
;; APPLICANT: SARAU, HENRY M.
;; APPLICANT: FOLEY, JAMES J.
;; APPLICANT: BERGSMAN, DEBK J.
;; APPLICANT: ELLIS, CATHERINE E.
;; APPLICANT: CHAMBERS, JON K.
;; TITLE OF INVENTION: A METHOD OF FINDING AGONIST AND
;; TITLE OF INVENTION: ANTAGONIST TO HUMAN IICB SPLICE VARIANT
;; FILE REFERENCE: GP-50003-D2
;; CURRENT APPLICATION NUMBER: US/09/925,776
;; PRIOR FILING DATE: 2001-08-09
;; PRIOR APPLICATION NUMBER: 60/032,763

;; PRIOR FILING DATE: 1996-12-11
;; PRIOR APPLICATION NUMBER: 08/984,288
;; PRIOR FILING DATE: 1997-12-03
;; PRIOR APPLICATION NUMBER: 60/073,747
;; PRIOR FILING DATE: 1998-02-05
;; PRIOR APPLICATION NUMBER: 09/060,504
;; PRIOR FILING DATE: 1998-04-15
;; NUMBER OF SEQ ID NOS: 7
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 7
;; LENGTH: 19
;; TYPE: PRT
;; ORGANISM: HOMO SAPIENS
US-09-925-776-7

Query Match 100.0%; Score 95; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e-08;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRCMLGRYRRCMCV 16
DB 4 MLRCMLGRYRRCMCV 19

RESULT 4
US-10-182-509-14
;; Sequence 14, Application US/10182509
;; Publication No. US20030105278A1
;; GENERAL INFORMATION:
;; APPLICANT: Bednarek, Maria A.
;; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
;; FILE REFERENCE: 20590YP
;; CURRENT APPLICATION NUMBER: US/10/182,509
;; CURRENT FILING DATE: 2002-07-31
;; PRIOR APPLICATION NUMBER: PCT/US01/03293
;; PRIOR FILING DATE: 2001-02-01
;; PRIOR APPLICATION NUMBER: 60/179,967
;; PRIOR FILING DATE: 2000-02-03
;; NUMBER OF SEQ ID NOS: 78
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 14
;; LENGTH: 19
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: MCH Analog
;; NAME/KEY: DISULFID
;; LOCATION: (7)...(16)
US-10-182-509-14

Query Match 91.6%; Score 87; DB 9; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.2e-07;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRCMLGRYRRCMCV 15
DB 4 MLRCMLGRYRRCMCV 18

RESULT 5
US-10-182-509-13
;; Sequence 13, Application US/10182509
;; Publication No. US20030105278A1
;; GENERAL INFORMATION:
;; APPLICANT: Bednarek, Maria A.
;; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
;; FILE REFERENCE: 20590YP
;; CURRENT APPLICATION NUMBER: US/10/182,509
;; CURRENT FILING DATE: 2002-07-31
;; PRIOR APPLICATION NUMBER: PCT/US01/03293
;; PRIOR FILING DATE: 2001-02-01
;; PRIOR APPLICATION NUMBER: 60/179,967

PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 13
LENGTH: 19
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MCH Analog
NAME/KEY: DISULFID
LOCATION: (7)...(16)
NAME/KEY: MOD_RES
LOCATION: (4)...(4)
OTHER INFORMATION: Xaa - No. US20030105278AlIleucine
NAME/KEY: MOD_RES
LOCATION: (8)...(8)
OTHER INFORMATION: Xaa - No. US20030105278AlIleucine
US-10-182-509-13

Query Match 88.4%; Score 84; DB 9; Length 19;
Best Local Similarity 93.3%; Pred. No. 6.7e-07;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2 LRCMGRYRRCMOV 16
DB 5 LRCMGRYRRCMOV 19

RESULT 6
US-09-791-932-184
Sequence 184, Application US/09791932
Publication No. US20030003451Al
GENERAL INFORMATION:
APPLICANT: Vogel, Gabriel
APPLICANT: Parodi, Luis A.
APPLICANT: Hiesch, Ronald R.
APPLICANT: Lind, Peter
APPLICANT: Kayce, Paul S.
APPLICANT: Ruff, Valerie
APPLICANT: Huff, Rita M.
APPLICANT: Wood, Linda S.
TITLE OF INVENTION: No. US20030003451Al G Protein-coupled Receptors Cross-referen
FILE REFERENCE: 00325 US1
CURRENT APPLICATION NUMBER: US/09/791, 932
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,304
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,303
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,397
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,247
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,370
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/218,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/186,810
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/188,064
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: 60/186,457
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: 60/213,861

PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/194,344
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 60/218,337
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 184
SOFTWARE: Patent version 3.0
SEQ ID NO: 184
LENGTH: 17
TYPE: PRT
ORGANISM: Salmon
US-09-791-932-184

Query Match 86.3%; Score 82; DB 9; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.2e-06;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

OY 2 LRCMGRYRRCMOV 16
DB 3 MRCMGRYRRCMOV 17

RESULT 7
US-10-182-509-12
Sequence 12, Application US/10182509
Publication No. US20030105278Al
GENERAL INFORMATION:
APPLICANT: Bednarek, Maria A.
TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
FILE REFERENCE: 20590YP
CURRENT APPLICATION NUMBER: US/10/182,509
CURRENT FILING DATE: 2002-07-31
PRIOR APPLICATION NUMBER: PCT/US01/03293
PRIOR FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: 60/179,967
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 12
LENGTH: 13
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MCH Analog
NAME/KEY: DISULFID
LOCATION: (1)...(10)
FEATURE:
NAME/KEY: ACETYLATION
LOCATION: (1)...(1)
US-10-182-509-12

Query Match 85.3%; Score 81; DB 9; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.4e-06;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4 CMLGRYRRCMOV 16
DB 1 CMLGRYRRCMOV 13

RESULT 8
US-10-182-509-10
Sequence 10, Application US/10182509
Publication No. US20030105278Al
GENERAL INFORMATION:
APPLICANT: Bednarek, Maria A.
TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
FILE REFERENCE: 20590YP
CURRENT APPLICATION NUMBER: US/10/182,509
CURRENT FILING DATE: 2002-07-31
PRIOR APPLICATION NUMBER: PCT/US01/03293
PRIOR FILING DATE: 2001-02-01

PRIOR APPLICATION NUMBER: 60/179,967
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: AMIDATION
LOCATION: (16)...(16)
FEATURE:
NAME/KEY: DISULFID
LOCATION: (7)...(16)
OTHER INFORMATION: MCH Analog
US-10-182-509-10

Query Match 78.9%; Score 65; DB 9; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.5e-05;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRCMLGRVYRPC 13
DB 4 MRCMLGRVYRPC 16

RESULT 9
US-10-182-509-7

Sequence 7, Application US/10182509
Publication No. US20030105278A1
GENERAL INFORMATION:
APPLICANT: Bednarek, Maria A.
FILE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
TITLE REFERENCE: 20590YP
CURRENT APPLICATION NUMBER: US/10/182,509
PRIOR FILING DATE: 2002-07-31
PRIOR APPLICATION NUMBER: PCT/US01/03293
PRIOR FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: 60/179,967
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: ACETYLATION
LOCATION: (1)...(1)
FEATURE:
NAME/KEY: AMIDATION
LOCATION: (11)...(11)
FEATURE:
NAME/KEY: DISULFID
LOCATION: (2)...(11)
OTHER INFORMATION: MCH Analog
US-10-182-509-7

Query Match 69.5%; Score 66; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.00029;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCMIGRVYRPC 13
DB 1 RCMIGRVYRPC 11

RESULT 10
US-10-182-509-39

Sequence 39, Application US/10182509
Publication No. US20030105278A1
GENERAL INFORMATION:
APPLICANT: Bednarek, Maria A.

TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
FILE REFERENCE: 20590YP
CURRENT APPLICATION NUMBER: US/10/182,509
PRIOR FILING DATE: 2002-07-31
PRIOR APPLICATION NUMBER: PCT/US01/03293
PRIOR FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: 60/179,967
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 11
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MCH Analog
FEATURE:
NAME/KEY: AMIDATION
LOCATION: (11)...(11)
FEATURE:
NAME/KEY: DISULFID
LOCATION: (2)...(11)
US-10-182-509-39

Query Match 69.5%; Score 66; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.00029;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCMIGRVYRPC 13
DB 1 RCMIGRVYRPC 11

RESULT 11
US-10-182-509-8

Sequence 8, Application US/10182509
Publication No. US20030105278A1
GENERAL INFORMATION:
APPLICANT: Bednarek, Maria A.
FILE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
TITLE REFERENCE: 20590YP
CURRENT APPLICATION NUMBER: US/10/182,509
PRIOR FILING DATE: 2002-07-31
PRIOR APPLICATION NUMBER: PCT/US01/03293
PRIOR FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: 60/179,967
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: ACETYLATION
LOCATION: (1)...(1)
FEATURE:
NAME/KEY: AMIDATION
LOCATION: (12)...(12)
FEATURE:
NAME/KEY: DISULFID
LOCATION: (2)...(11)
OTHER INFORMATION: MCH Analog
US-10-182-509-8

Query Match 67.4%; Score 64; DB 9; Length 12;
Best Local Similarity 83.3%; Pred. No. 0.00065;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 RCMIGRVYRPC 14
DB 1 RCMIGRVYRPC 12

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RESULT 12
US-10-182-509-62
; Sequence 62, Application US/10182509
; Publication No. US20030105278A1
; GENERAL INFORMATION:
; APPLICANT: Bednarek, Maria A.
; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
; FILE REFERENCE: 20590YP
; CURRENT APPLICATION NUMBER: US/10/182,509
; PRIOR FILING DATE: 2002-07-31
; PRIOR APPLICATION NUMBER: PCT/US01/03293
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/179,967
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MCH Analog
; NAME/KEY: ACETYLTATION
; LOCATION: (1)...(1)
; FEATURE:
; NAME/KEY: AMIDATION
; LOCATION: (11)...(11)
; FEATURE:
; NAME/KEY: DISULFID
; LOCATION: (2)...(11)
US-10-182-509-62

Query Match          65.3%; Score 62; DB 9; Length 11;
Best Local Similarity 90.9%; Pred. No. 0.0012;
Matches 10; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      3  CMLGRVYRPC 13
Db      1  CMLGRVYRPC 11

RESULT 13
US-10-182-509-9
; Sequence 9, Application US/10182509
; Publication No. US20030105278A1
; GENERAL INFORMATION:
; APPLICANT: Bednarek, Maria A.
; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
; FILE REFERENCE: 20590YP
; CURRENT APPLICATION NUMBER: US/10/182,509
; PRIOR FILING DATE: 2002-07-31
; PRIOR APPLICATION NUMBER: PCT/US01/03293
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/179,967
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: ACETYLTATION
; LOCATION: (1)...(1)
; FEATURE:
; NAME/KEY: AMIDATION
; LOCATION: (10)...(10)
; FEATURE:
; NAME/KEY: DISULFID
; LOCATION: (1)...(10)
; OTHER INFORMATION: MCH Analog
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US-10-182-509-9

Query Match          64.2%; Score 61; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4  CMLGRVYRPC 13
Db      1  CMLGRVYRPC 10

RESULT 14
US-10-182-509-37
; Sequence 37, Application US/10182509
; Publication No. US20030105278A1
; GENERAL INFORMATION:
; APPLICANT: Bednarek, Maria A.
; TITLE OF INVENTION: MELANIN-CONCENTRATING HORMONE ANALOGS
; FILE REFERENCE: 20590YP
; CURRENT APPLICATION NUMBER: US/10/182,509
; PRIOR FILING DATE: 2002-07-31
; PRIOR APPLICATION NUMBER: PCT/US01/03293
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/179,967
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MCH Analog
; NAME/KEY: AMIDATION
; LOCATION: (10)...(10)
; FEATURE:
; NAME/KEY: DISULFID
; LOCATION: (1)...(10)
US-10-182-509-37

Query Match          64.2%; Score 61; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1  CMLGRVYRPC 10

RESULT 15
US-10-182-509-38
; Sequence 38, Application US/10182509
; Publication No. US20030105278A1
; GENERAL INFORMATION:
; APPLICANT: Bednarek, Maria A.
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; SEQ ID NO 38
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MCH Analog
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NAME/KEY: ACETYLATION
LOCATION: (1)...(1)
FEATURE:
NAME/KEY: DISULFID
LOCATION: (1)...(10)
FEATURE:
NAME/KEY: AMIDATION
LOCATION: (10)...(10)
US-10-182-509-38

Query Match 64.2%; Score 61; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4 CMGGRYRPC 13
|||||||
DB 1 CMGGRYRPC 10

Search completed: June 25, 2003, 11:58:00
Job time : 24.64 secs